

REMARKS

Favorable reconsideration of the application is respectfully requested in light of the amendments and remarks herein.

Upon entry of this amendment, claims 1 and 4 will be pending. By this amendment, claims 2-3 and 5-6 have been canceled; and claims 1 and 4 have been amended. No new matter has been added.

Objections to the Specification

In Sections 1-3 of the Office Action, the Specification stands objected to for informalities.

The Specification has been amended to obviate the objections.

Objections to the Drawings

In Section 4 of the Office Action, the drawings stand objected to for failing to include descriptive labels.

Figures 1, 2, and 3 have been amended to obviate the objections.

Allowable Subject Matter of Claims 2 and 5

It is appreciatively noted that claims 2 and 5 would be allowable if rewritten in independent form including all of the limitations of the base claim.

§ 112 Rejection of Claims 3 and 6

In Section 7 of the Office Action, claims 3 and 6 stand rejected under 35 U.S.C. §112, second paragraph, as being indefinite.

Claims 3 and 6 have been canceled.

Accordingly, it is submitted that the rejection of claims 3 and 6 based upon 35 U.S.C. §112 has been overcome by the present remarks and withdrawal thereof is respectfully requested.

§ 103 Rejection of Claims 1 and 4

In Section 10 of the Office Action, claims 1 and 4 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Fuchigama *et al.* (U.S. Patent 5,079,547; hereinafter referred to as “Fuchigama”).

Claims 1 and 4 have been amended to include the allowable subject matter of claims 2 and 5, respectively.

Accordingly, it is submitted that the rejection of claims 1 and 4 based upon 35 U.S.C. §103(a) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

Conclusion

In view of the foregoing, entry of this amendment, and the allowance of this application with claims 1 and 4 are respectfully solicited.

In regard to the claims amended herein and throughout the prosecution of this application, it is submitted that these claims, as originally presented, are patentably distinct over

the prior art of record, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes that have been made to these claims were not made for the purpose of patentability within the meaning of 35 U.S.C. §§101, 102, 103 or 112. Rather, these changes were made simply for clarification and to round out the scope of protection to which Applicant is entitled.

In the event that additional cooperation in this case may be helpful to complete its prosecution, the Examiner is cordially invited to contact Applicant's representative at the telephone number written below.

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account 50-0320.

Respectfully submitted,

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Attachments

Amendments to the Drawings:

The attached sheets of drawings includes changes to Figures 1, 2, and 4.

The first sheet, which includes Figures 1-3, replaces the original sheet including Figures 1-3. In Figure 1, elements 20 and 22 have been labeled as “soft normaliser” and “channel decoder”, respectively. In Figure 2, elements 24, 26, 28, and 34 have been labeled as “mean calculator”, “scaling factor”, “truncation”, and “round”, respectively.

The second sheet, which includes Figure 4, replaces the original sheet including Figure 4. In Figure 4, elements 12, 14, and 16 have been labeled as “decoder”, “normaliser”, and “soft demodulator”, respectively.

Attachment: Replacement Sheets

Annotated Sheets Showing Changes



Appl. No. 09/940,375
Reply to Office Action of November 30, 2004
Annotated Sheet Showing Changes

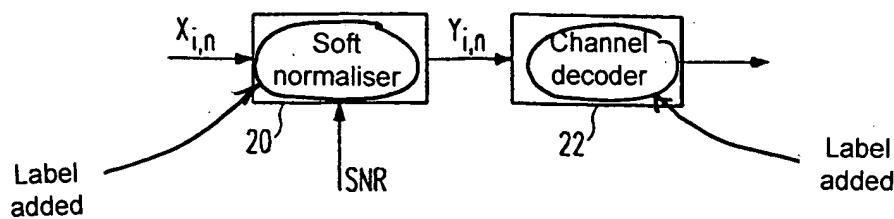


Fig. 1

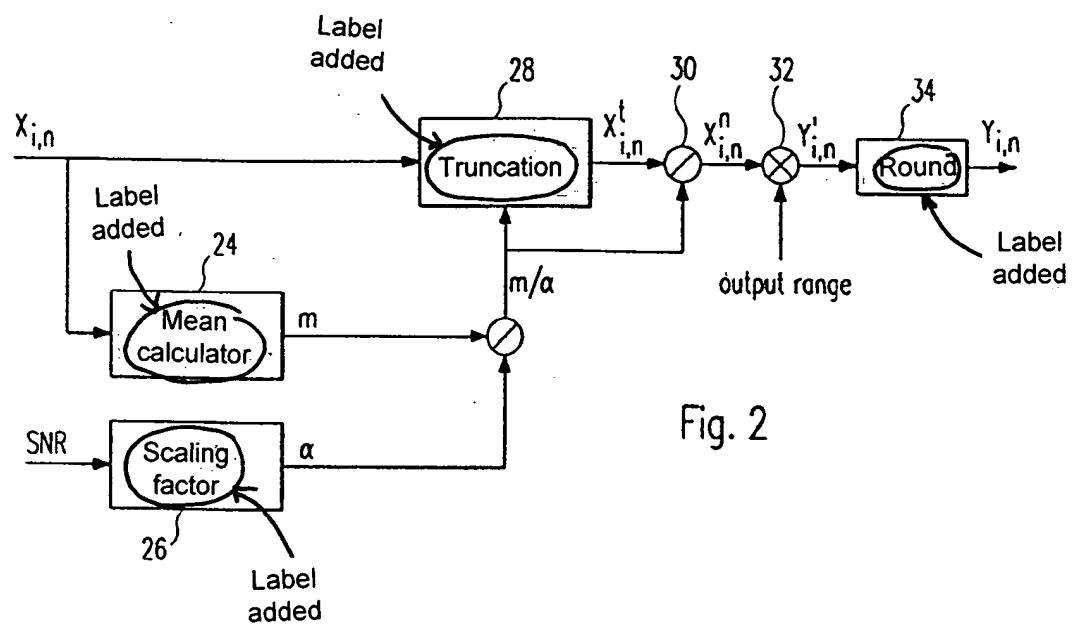


Fig. 2

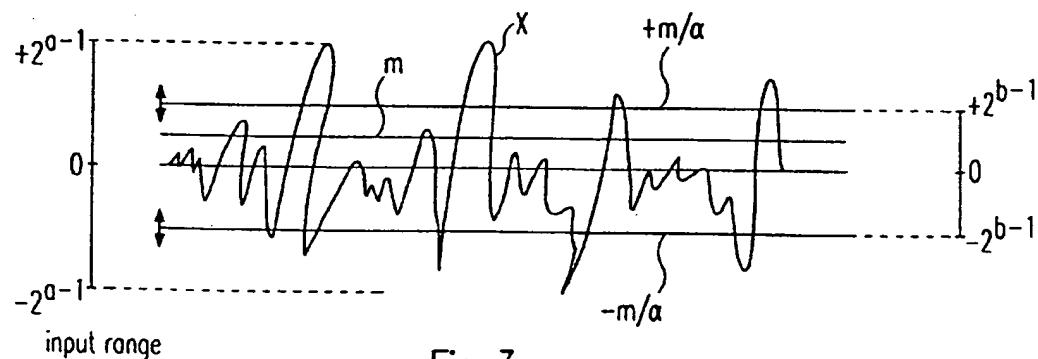


Fig. 3

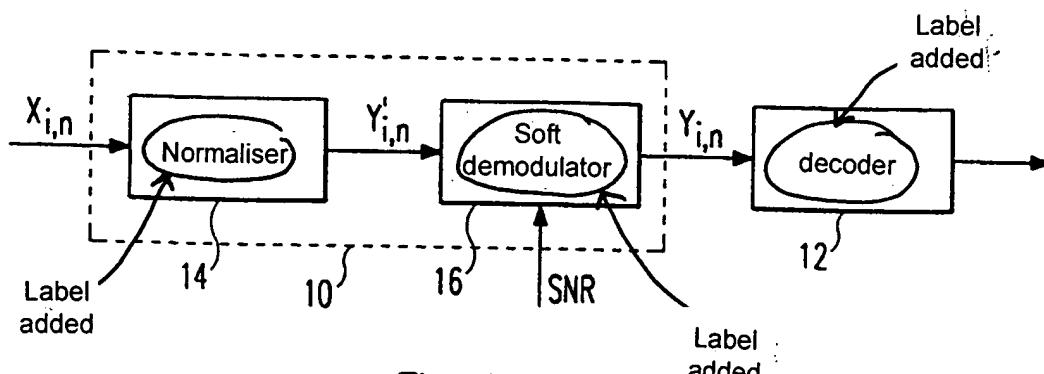


Fig. 4

Prior art